

## INTERNATIONAL SEARCH REPORT

International Application No  
PCT/EP2004/007567

**A. CLASSIFICATION OF SUBJECT MATTER**  
 IPC 7 C12N15/82 A01H5/00

According to International Patent Classification (IPC) or to both national classification and IPC

**B. FIELDS SEARCHED**Minimum documentation searched (classification system followed by classification symbols)  
 IPC 7 C12N A01H

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the International search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ, BIOSIS, EMBASE

**C. DOCUMENTS CONSIDERED TO BE RELEVANT**

Category °	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	WO 97/48814 A (MONSANTO CO) 24 December 1997 (1997-12-24) cited in the application page 26 – page 35	1-12
Y	KUMLEHN JOCHEN ET AL: "Differentiation of isolated wheat zygotes into embryos and normal plants" PLANTA (BERLIN), vol. 205, no. 3, July 1998 (1998-07), pages 327–333, XP002263491 ISSN: 0032-0935 cited in the application the whole document	1-12



Further documents are listed in the continuation of box C.



Patent family members are listed in annex.

## \* Special categories of cited documents :

- \*A\* document defining the general state of the art which is not considered to be of particular relevance
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- \*O\* document referring to an oral disclosure, use, exhibition or other means
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- \*T\* later document published after the International filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- \*X\* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- \*Y\* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
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Date of the actual completion of the International search

27 October 2004

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17/11/2004

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## C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	HOLM P B ET AL: "TRANSFORMATION OF BARLEY BY MICROINJECTION INTO ISOLATED ZYGOTE PROTOPLASTS" TRANSGENIC RESEARCH, LONDON, GB, vol. 9, February 2000 (2000-02), pages 21-32, XP000945396 ISSN: 0962-8819 the whole document -----	1-12
A	US 6 300 543 B1 (MCGANN LOCKSLEY E ET AL) 9 October 2001 (2001-10-09) examples 1-3,7 -----	1-12
A	KRANZ E ET AL: "ANGIOSPERM FERTILISATION, EMBRYO AND ENDOSPERM DEVELOPMENT IN VITRO" PLANT SCIENCE, LIMERICK, IE, vol. 142, 1999, pages 183-197, XP002935311 ISSN: 0168-9452 the whole document -----	1-12
A	WO 01/73084 A (INST PFLANZENGENETIK & KULTUR ;POPELKA JUAN CARLOS (DE); ALTPETER) 4 October 2001 (2001-10-04) page 15 - page 16 -----	1-12
A	RASCO-GAUNT SONRIZA ET AL: "Procedures allowing the transformation of a range of European elite wheat ( <i>Triticum aestivum</i> L.) varieties via particle bombardment" JOURNAL OF EXPERIMENTAL BOTANY, vol. 52, no. 357, April 2001 (2001-04), pages 865-874, XP002263635 ISSN: 0022-0957 the whole document -----	1-12
A	FRAME BRONWYN R ET AL: "Agrobacterium tumefaciens-mediated transformation of maize embryos using a standard binary vector system" PLANT PHYSIOLOGY (ROCKVILLE), vol. 129, no. 1, May 2002 (2002-05), pages 13-22, XP002263971 ISSN: 0032-0889 the whole document -----	1-12

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